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RE: Serial No.: 09/456900

Docket No.: A23870

TO: Examiner: Nguyen, Thuan

Art Unit: 2684

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Response to Office action dated 20-OCT-2003

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8
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on 8/16 2004 by Daniel L. Michalek

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of
ALEXANDRE HENON

Atty. Docket
PHA-23.870

Serial No: 09/456,900

Group Art Unit: 2684

Filed: 12/08/1999

Examiner: NGUYEN, THUAN T.

METHOD FOR IN-PROGRESS TELEPHONE CALL TRANSFER BETWEEN A
WIRELESS TELEPHONE AND A WIRED TELEPHONE USING A SHORT-RANGE
COMMUNICATION CONTROL LINK

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. 1.111

Sir:

Responsive to the Office Action of 10/20/2003, please amend this application as follows:

1. (Previously presented) A method of transferring an in-progress telephone call between a wireless device and a wired device, comprising:
 - establishing a short-range wireless communication link directly between the wireless device and wired device;
 - at the wireless device, receiving an identifier that has been transmitted from the wired device to the wireless device over the direct wireless communication link; and
 - at the wireless device, transmitting the identifier together with a call transfer request to enable the telephone call to be transferred to the wired device.
2. (Previously presented) The method as described in Claim 1 wherein the short-range wireless communication link conforms to a given radio frequency (RF) protocol.
3. (Previously presented) The method as described in Claim 2 wherein the given RF protocol is Bluetooth.
4. (Previously presented) The method as described in Claim 1 wherein the short-range wireless communications link is an infrared link.
5. (Previously presented) The method as described in Claim 1 further comprising:
 - at the wireless device, transmitting a request message to the wired device requesting transmission of the identifier.
6. (Previously presented) The method as described in Claim 1 further comprising:
 - in a network, receiving the identifier and the call transfer request transmitted from the wireless device; and
 - re-routing the in-progress call to the wired device.
7. (Currently amended) The method as described in Claim 1 wherein the identifier is a telephone number of the wired device [telephone].

8. (Previously presented) A method of transferring an in-progress telephone call between a wireless device and a wired device, comprising:

establishing a first wireless communication link directly between the wireless and wired devices when the devices are in physical proximity to each other;

at the wireless device, transmitting a request message to the wired device over the first direct wireless communication link requesting transmission of an identifier;

at the wireless device, receiving the identifier that has been transmitted directly from the wired device to the wireless device over the first direct wireless communication link;

at the wireless device, transmitting the identifier together with a call transfer request to a network device over a second communication link; and

at the network device, receiving the identifier together with the call transfer request and re-routing the in-progress call to the wired device.

9. (Previously presented) The method as described in Claim 8 wherein the first direct wireless communication link is a short-range wireless radio communication link.

10. (Previously presented) The method as described in Claim 8 wherein the first direct wireless communication link is a short-range wireless infrared communication link.

11. (Previously presented) The method as described in Claim 8 wherein the identifier is a telephone number of the wired device.

12. (Previously presented) The method as described in Claim 8 further comprising disconnecting the wireless device from the in-progress telephone call following re-routing.

13. (Previously presented) The method as described in Claim 8 further comprising:

having a user of the wireless device initiate the establishing of the first direct wireless communication link by entering given control commands in the wireless device.

14. (Previously presented) A communication system, comprising:
- a wireless device having a first transceiver;
 - a wireline device having a second transceiver;
 - a short-range direct wireless communications link over which the wireless and wireline devices communicate using their respective first and second transceivers; and
 - means operative in the wireless device for transferring an in-progress telephone call from the wireless device to the wireline device.
15. (Previously presented) The communications system as described in Claim 14 wherein the means for transferring comprises:
- means for transmitting a request message to the wired device over the direct wireless communications link requesting transmission of an identifier;
 - means for receiving the identifier transmitted from the wired device to the wireless device over the direct wireless communications link; and
 - means for transmitting the identifier together with a call transfer request to a network device to re-route the in-progress telephone call.
16. (Previously presented) The communications system as described in Claim 14 wherein each of the transceivers is provisioned according to a given RF protocol.
17. (Previously presented) The communications system as described in Claim 16 wherein the given RF protocol is Bluetooth.
18. (Previously presented) A wireless device, comprising:
- a processor;
 - a short-range wireless transceiver;
 - memory coupled to the processor, tangibly embodying a program of instructions executable by the processor for transferring an in-

progress telephone call from the wireless device to a selected wireline device by the following method:

- controlling the short-range wireless transceiver to transmit a request message directly to the wired device over a short-range wireless communications link requesting transmission of an identifier;

- controlling the short-range wireless transceiver to receive the identifier transmitted from the wired device directly to the wireless device over the short-range wireless communications link; and

- transmitting the identifier together with a call transfer request to a given network device to request re-routing of the in-progress telephone call.

19. (Previously presented) A wireline device, comprising:

- a processor;

- a short-range wireless transceiver;

- memory coupled to the processor, tangibly embodying a program of instructions executable by the processor for receiving a transfer of an in-progress telephone call from the wireless device by the following method steps:

- controlling the short-range wireless transceiver to receive a request message transmitted directly from the wireless device over a short-range wireless communications link requesting transmission of an identifier; and

- controlling the short-range wireless transceiver to transmit the identifier directly to the wireless device over the short-range wireless communications link.